

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

April 30, 2008

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY	%AVERAGE	Reading Date	COMMENTS
	Full Pool	AVERAGE	Last Year	Last Month	PRESENT				
	Contents	1960 - 2007	4/30/2007	4/30/2008	5/30/2008	5/30/2008	5/30/2008		
ACKLEY	6,140	3,736	2,800	2,185	2,599	42	70	5/29/08	sd = 180' S. Sundhiem
BAIR	7,300	5,332	3,230	1,810	2,459	34	46	5/29/08	from D. Mann sd = 299.0'
CATARACT	1,478	409	430	275	364	25	89	5/29/08	from S. Compton sd = 119 vol. estimated
COONEY	28,230	22,588	20,531	19,196	25,090	89	111	5/27/08	from D. Adair
COTTONWOOD	1,900	1,565	1,580	593	1,486	78	95	5/29/08	from S. Compton sd = 30.5'
DEADMAN'S BASIN	75,968	53,138	47,222	29,581	32,372	43	61	5/29/08	from D. Mann sd = 422 (28622 af)
E.F. ROCK CREEK	16,040	9,209	7,681	11,206	12,577	78	137	5/27/08	from data logger
FRENCHMAN	3,752	3,553	3,752	700	684	18	19	5/28/08	from G. Yeska 14.5' from grate
MARTINSDALE	23,348	11,954	5,263	1,731	4,749	20	40	5/29/08	from D. Mann sd = 350'
MIDDLE CREEK	10,184	6,663	8,314	6,191	6,809	67	102	5/16/08	K. Strasheim sd = 24.38
NEVADA CREEK	11,207	10,068	11,207	7,320	8,469	76	84	5/13/08	Res. Elev. 4608.09
NILAN	10,992	6,963	8,254	6,558	8,909	81	128	5/29/08	from D. Roberts sd = 87'
N.FK. SMITH RIVER	11,406	8,690	7,540	5,856	8,434	74	97	5/29/08	from D. Mann sd = 101'
RUBY RIVER	36,633	36,047	36,633	36,131	38,854	106	108	5/13/08	from D. Larson, Res. Elev. = 5394.2
TONGUE RIVER	79,071	48,331	59,716	40,866	79,046	100	164	5/27/08	from data logger
W.F. BITTERROOT	32,362	19,370	31,000	15,378	28,422	88	147	5/15/08	from A. Pernichele Res. Elev. = 4719
WILLOW CREEK	18,000	17,444	18,000	12,933	13,937	77	80	5/29/08	from K. Strasheim sd = 98' (boat ramp)
YELLOWATER	3,842	1,148	380	540	540	14	47	5/1/08	est. no change, last measured 4/25/2008

\* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)	
Cooney	90 AF	**	Tongue River	711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot	656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek	269 AF (O&M storage table includes dead storage)

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

\* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.